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TITLE: OFFSET PRINTING PRESS AND PRINTING METHOD

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INVENTOR-INFORMATION:

NAME

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ABSTRACT:

PURPOSE: To make it possible to continuously perform good multicolor printing over a long period of time, by arranging a plurality of plate cylinders each equipped with an ink feeder around one transfer cylinder and providing an ink dryer between adjacent plate cylinders.

CONSTITUTION: Ink feeders 3 are mounted to four gravure plate cylinders 2a, 2b, 2c, 2d provided around one transfer cylinder 1 and an ink dryers 4 are mounted between adjacent gravure plate cylinders 2a, 2b and in the lower side of the rotary direction of the transfer cylinder of the plate cylinder 2d. The inks of the ink feeders 3 respectively have four colors of a yellow color, a red color, a blue color and a black color. The ink transferred to the transfer cylinder 1 from the plate cylinder 2a is rapidly dried by an ultraviolet irradiation apparatus 4 and the surface of said cylinder 1 has been dried when passes the next plate cylinder 2b. This process is repeated in the lower side plate cylinder 2c, 2d and the dryers 4 and four color inks are transferred to the blanket 9 of the transfer cylinder 1. An adhesive is adhered to a printing paper 8 and transfer inks are transferred to said paper to print the same and color printing can be continuously performed over a long period of time.

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